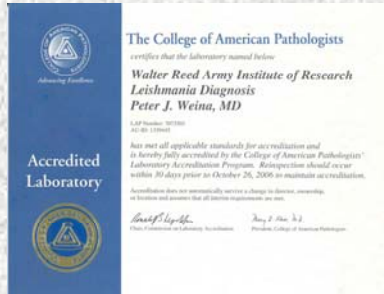


The Walter Reed Army Institute of Research's (WRAIR) Leishmania Diagnostic Laboratory (LDL) is the only College of American Pathologists (CAP) certified diagnostic laboratory that specializes in the full spectrum of leishmania diagnostics. This capability has been available at WRAIR since the early 1970's and in the early 2000's sought and gained CAP certification for their work.



The WRAIR LDL has a broad array of assays to assist both military and civilian practitioners diagnose this disease whether its clinical form is cutaneous, mucocutaneous or visceral from both the Old and the New World.

Contact us at leishmania@amedd.army.mil or 24 hour cell number at 1-301-573-3763 with any questions.



WRAIR LDL



**Walter Reed Army Institute of Research's
Leishmania Diagnostics
Laboratory**

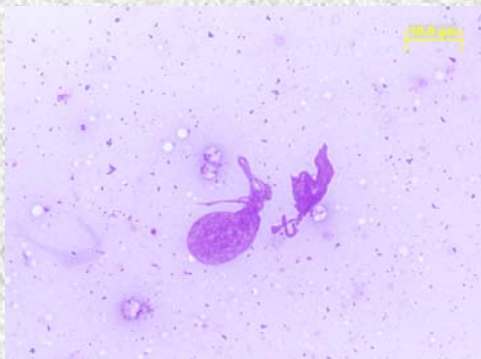
- specializing in the diagnostics of cutaneous, mucocutaneous, and visceral leishmania from around the world in both military and civilian personnel

**- Accredited by the
College of American
Pathologists**





The WRAIR LDL can assist the clinician in the best ways to sample lesions and suggest the best testing to maximize diagnostic yield. We have been successful in the diagnosis of suspected leishmania lesions whether from the Old World like those seen above from Iraq or from the New World like those seen below from Central America.



While a diagnosis of “leishmaniasis” can be made directly from a smear as seen above, the WRAIR LDL can assist you in taking that next step of speciating the organism.

Assays Available

Direct Smear Reading

Histopathology

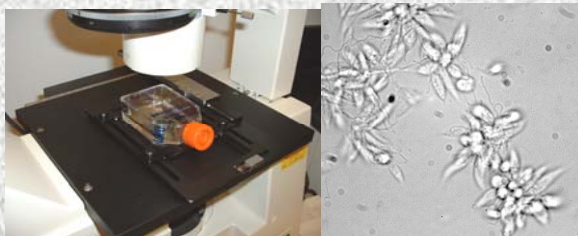
Leishmania Genus PCR
(Wortmann primers and probes)

Leishmania species PCR
(L.major, L. infantum)

(Note: PCR can be run on fresh material, alcohol fixed material, and formalin fixed/embedded material)

Culture in all standard media
(Schneider's, NNN, and Modified Media 1 – with and without antibiotic additives)

(Note: Culture can be done on cutaneous samples, lymph node biopsies, bone marrow cores, bone marrow aspirates, liver, and spleen)



Isoenzyme speciation
(Kruetzer and Dedet methods)

rK39 serologic assay



Contact Information

E-mail us at:

leishmania@amedd.army.mil

Call us at:

1-301-573-3763
(24 hour cell phone)

